

Solar Industries Association

Certificate of Inspection of Solar Water Heating System Installation

This form is to be used by auditors of solar water heating system installations to confirm that the installation meets the requirements of the Code of Practice for Manufacture and Installation of SWH Systems in NZ.

Name of auditor:, Company Name :.....

Owner of system being audited:

Location of system audited:

.....

Make and model identifier of system supplied:

System installed by:

Date system installed:

Date Inspected:

Auditors are to fill out the following check list of critical items.

Requirements	Meets the Requirements yes/no	Comments
Are all parts of the system fully installed and operational?		
Is the system producing the quantities and quality of hot water expected and set out in the contract?		
Is the customer satisfied with the way the system was installed?		
Is the customer satisfied with the operation of the system?		
Has good clear documentation been supplied of what performance the customer can expect from the system for their specific house design, location, orientation, and for each of the seasons?		
Has the customer been provided with an owner's manual outlining on-going operation and maintenance requirements to ensure the system meets the 15 year durability requirements of the Building Act?		

Has the customer been provided with a written guarantee that makes it clear who is responsible if anything goes wrong with the system and who to contact?		
Has the system been installed with regard to safe structural loadings?		
Has a building consent been obtained?		
Has the system been installed to meet the conditions of the building consent?		
Is the collector located with appropriate orientation and inclination to the sun?		
Did the installer undertake a test of the system, including for leaks and controller operation, and provide confirmation of these tests to the customer on hand-over?		
Are any holes in the roof sealed with the appropriate sealant?		
Is there any damage (including scratches or buckling) to the roof, guttering or any other parts of the building?		
Has the supplier used an installer who provided the customer documentation that showed that he/she is fully trained to install this model of systems?		
Has the system been designed and installed to meet appropriate freezing, electricity supply interruptions, overheating safety events?		
Has the system been manufactured to meet the technical requirements of AS/NZS 2712:2007		
Have the potable water components been installed or signed off by a Craftsman Plumber		
Has any electrical work been undertaken been signed off by an appropriate registered electrician?		
Does the installation meet the requirements of the Code of Practice and AS/NZS 3500.4?		
Has a Producer Statement been issued?		

I advise that the system installed at the location shown above (appears to meet /does not meet) the requirements of the Code of Practice for Manufacture and Installation of Solar Water Heating Systems in NZ and that the design and installation appears to be to a competent standard.

This advise does not indicate that I have checked the system performance with respect to the supply / install contract between the vendor / installer and the purchaser and will not be held liable for any contractual relationship between the parties.

Signature of Auditor: